

IN THE SPECIFICATION:

The paragraph starting at page 8 line 2 is amended as follows:

Overall, preferred embodiments of a compression process of the present invention comprises segmenting an image I_n into S_i segments, or regions, analyzing each segment to determine an optimal compression technique for the segment, and compressing the segment in accordance with the chosen compression technique to reduce the image's memory requirement.

The compressed image I_n , after having been compressed, is encoded into a storable and transmittable form prior to the commencement of the compression of the next image (I_{n+1}).